

## U.S. PATENT &amp; TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B-06506

APPLICANT: Hilscher et. al.

SHEET 1 OF 1

SERIAL NO.: 09/811,080

GROUP: Unknown

FILING DATE: 3/16/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
115	AA	US 5,184,959	2/9/93	Oryhon et al	434	263	9/30/91
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
115	AL	DE 40 36 373 C2	4/29/93	<del>Germany</del> DE	<del>H02</del>	J7/00	NO
115	AM	DE 42 43 219 A1	6/23/94	<del>Germany</del> DE	<del>A61</del>	C17/22	NO
115	AN	DE 297 09 865 U1	10/2/97	<del>Germany</del> DE	<del>A46</del>	B15/00	NO
115	AO	DE 299 15 858 U1	2/10/00	<del>Germany</del> DE	<del>A46</del>	B46/00	NO
	AP						
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AR						
	AS						
	AT						
EXAMINER: S. Snider				DATE CONSIDERED: 1/26/04			

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SHEET 1 OF 5

GROUP: 1744

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<u>115</u>	AA	3,220,039	30/11/65	Dayton et al.	15	28	30/07/63
<u>115</u>	AB	3,571,544	23/03/71	Sheehan	200	157	21/10/68
<u>115</u>	AC	3,802,420	09/04/74	Moffat Gordon et al.	128	56	26/06/72
<u>115</u>	AD	4,413,199	01/11/83	Fischer	310	50	01/02/80
<u>115</u>	AE	4,506,400	26/05/85	Klein	15	22	30/11/83
<u>115</u>	AF	4,595,850	17/06/86	Woog	310	47	25/10/84
<u>115</u>	AG	5,099,536	31/03/92	Hirabayashi	15	28	03/04/89
<u>115</u>	AH	5,341,534	30/08/94	Serbinski et al.	15	22.1	21/06/93
<u>115</u>	AI	5,381,576	17/01/95	Hwang	15	22.1	17/03/94
<u>115</u>	AJ	6,227,853	08/05/01	Hansen et al.	433	119	16/07/99

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATE
<u>115</u>	AK	2124686 ✓	16/12/92	China CN	A61C	17/26	
<u>115</u>	AL	2149877 ✓	22/12/93	China CN	A61C	17/26	
<u>115</u>	AM	2332378	11/8/99	China CN	A61C	17/032	
<u>115</u>	AN	2048697 ✓	06/12/89	China CN	A46B	13/02	
<u>115</u>	AO	749380 ✓	28/07/80	Russia SU	A46B	13/00	
<u>115</u>	AP	1542539 ✓	15/02/90	Russia SU	A46B	13/08	
<u>115</u>	AQ	1674789 ✓	07/09/91	Russia SU	A46B	13/04	

## OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	Use instructions to Braun D5 electric toothbrush Type 4726 on sale in United States, circa 1991 (3 sheets-cover and pp. 8-11) including description of "Travel lock" switch.
AS	PCT Search Report in corresponding PCT/EP01/02844 dated 1 August 2001
AT	
EXAMINER:	S. J. J. J.
DATE CONSIDERED:	1/26/04

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<del>TIS</del>	BA	4,365,376	28/12/82	Oda et al.	15	22	13/03/80
<del>TIS</del>	BB	5,263,218	23/11/93	Giuliani et al.	15	22.1	25/02/93
<del>TIS</del>	BC	4,914,376	03/04/90	Meyer	323	352	30/03/88
<del>TIS</del>	BD	6,202,242	20/03/01	Salmon et al.	15	22.1	04/08/99
<del>TIS</del>	BE	4,371,118	01/02/83	Sontheimer et al.	241	30	02/06/80
<del>TIS</del>	BF	3,782,799	01/01/74	Hansen	312	206	10/08/72
<del>TIS</del>	BG	5,974,615	11/2/99	Schwarz-Hartmann et al.	15	22.4	
<del>TIS</del>	BH	4,156,620	5/29/79	Clemens	134	6	5/27/77
<del>TIS</del>	BI	4,827,550	5/9/1989	Graham et al.	15	22	5/4/1988

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
<del>TIS</del>	BK	08-117030 ✓	14/05/96	Japan JP	<del>A46B</del>	<del>13/02</del>	Abs.
<del>TIS</del>	BL	08-275961 ✓	22/10/96	Japan JP	<del>A61C</del>	<del>47/22</del>	Abs.
<del>TIS</del>	BM	08-000358 ✓	09/01/96	Japan JP	<del>A46B</del>	<del>13/02</del>	Abs.
<del>TIS</del>	BN	05-269024 ✓	19/10/93	Japan JP	<del>A46B</del>	<del>13/02</del>	Abs.

## OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BO	Color photographs of Bausch & Lomb "Interplak" Model PB-4B style Handpiece with travel protection switch and Toothbrush attachment (handpiece stamped "1D-1A", believed circa 1992 on sale in the United States) (7 views).
	BP	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-4B, marked © 1990 (color copy, 1 sheet).
	BQ	Product use instructions to Bausch & Lomb Interplak travel-style "Voyager" model TK-2 marked © 1991 (6 photocopied sheets containing cover and pages 1-10).
	BR	Color photographs of Bausch & Lomb "Interplak" Model PB-6 style Handpiece with waterproof electronic travel protection switch (believed circa 1992 on sale in the United States) (6 views).
	BS	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-6, marked © 1992 (color copy, 1 sheet).

EXAMINER:

rs. Smith

DATE CONSIDERED:

1/26/04

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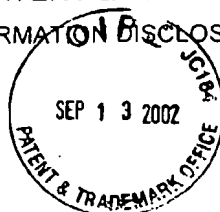
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<u>115</u>	DA	5,561,881	08/10/96	Klinger et al.	15	22.1	22/03/95
	DB	<del>5,184,950</del>	<del>09/02/93</del>	<del>Oryhon et al.</del>	<del>434</del>	<del>263</del>	<del>30/09/91</del>
<u>115</u>	DC	5,943,723	31/08/99	Hilfinger et al.	15	22.1	28/04/98
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	DE						
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	DH						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATE
<u>115</u>	DJ	04-269906 ✓	25/09/92	Japan <u>JP</u>	<del>A46B</del>	<del>13/02</del>	Abs.
<u>115</u>	DK	04-087127 ✓	19/03/92	Japan <u>JP</u>	<del>H01H</del>	<del>36/00</del>	Abs.
<u>115</u>	DL	29608164 ✓	04/05/96	Germany <u>DE</u>	<del>A01C</del>	<del>17/22</del>	
<u>115</u>	DM	0046169 ✓	22/08/84	Europe <u>EP</u>	<del>A47J</del>	<del>43/046</del>	Abs.
<u>115</u>	DN	2082713 ✓	10/03/82	United Kingdom <u>GB</u>	<del>F16P</del>	<del>3/08</del>	
<u>115</u>	DO	0440051 ✓	07/08/91	Europe <u>EP</u>	<del>A47J</del>	<del>42/56</del>	Abs.
<u>115</u>	DP	2413524 ✓	02/10/75	Germany <u>DE</u>	<del>F16P</del>	<del>3/08</del>	Abs.
<u>115</u>	DQ	19921677 ✓	23/11/00	Germany <u>DE</u>	<del>G01R</del>	<del>31/02</del>	Abs.
<u>115</u>	DR	0024992 ✓	27/06/84	Europe <u>EP</u>	<del>A47J</del>	<del>43/046</del>	Abs.
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	DS						
	DT						

*S. Jriden*

*1/26/04*

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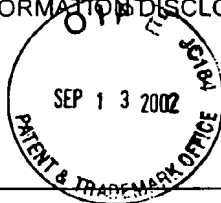
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
<u>115</u>	EL	0285915 ✓	12/10/88	<del>Europe</del> EP	<del>H03K</del>	<del>17/97</del>	Abs.
<u>115</u>	EM	19832607 ✓	18/05/00	<del>Germany</del> DE	<del>A47K</del>	<del>17/09</del>	
<u>115</u>	EN	4305013 ✓	25/8/94	<del>Germany</del> DE	<del>A61C</del>	<del>17/00</del>	Abs.
<u>115</u>	EO	4036479 ✓	21/5/92	<del>Germany</del> DE	<del>H02J</del>	<del>7/00</del>	Abs.
<u>115</u>	EP	2826008 C2 ✓	6/16/83	<del>Germany</del> DE	<del>H01H</del>	<del>36/00</del>	Abs.
<u>115</u>	EQ	4422086 C1 ✓	24/06/94	<del>Germany</del> DE	<del>A47J</del>	<del>43/08</del>	Abs.
<u>115</u>	ER	19627752 A1 ✓	07/10/96	<del>Germany</del> DE	<del>A61C</del>	<del>17/24</del>	

OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER: <u>rs. Jridu</u>	DATE CONSIDERED: <u>1/26/04</u>
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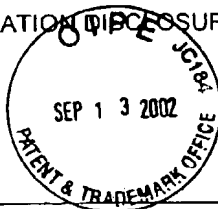
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
<u>US</u>	FL	WO9724079 ✓	10/07/97	International Appl. WO	A61C	17/22	
<u>US</u>	FM	WO9855274 ✓	10/12/98	International Appl.	B26B	24/44	
<u>US</u>	FN	11-318951 ✓	24/11/99	Japan JP	A61C	17/22	Abs.
<u>US</u>	FO	WO 00/47128 ✓	8/17/00	PCT	A61C	17/16	
	FP						
	FQ						

## OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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